

PO Job Risk Assessment

Name(s) of Risk Team Members: A. Checco, K. Kusche, W. Schoenig, J. Thomas, S. Shapiro, R. Gill (facilitator)	Point Value → Parameter ↓	1	2	3	4	5
Job Title: Magnetic fields and non-ionizing radiation work Job Number or Job Identifier: PO-JRA-024	Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Job Description: Work with magnetic fields and non-ionizing radiation	Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
Training and Procedure List (Optional):	Likelihood (D)	Extremely Unlikely	Unlikely	Possible	Probable	Multiple
Rev. #: 0	Date: March 8, 2005					
Stressors (if applicable, please list all):		Reason for Revision (if applicable):			Comments:	

				Before Additional Controls							After Additional Controls					
Job Step / Task	Hazard	Control(s)	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Operating power supplies	Electrical shock	Proper installation, grounding, training, procedures, work planning, PPE, Tier 1	N	1	2	2	1	4								
	Arc flash	Proper installation, grounding, training, procedures, work planning, PPE, Tier 1	N	1	1	3	1	3								

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Operating power supplies (cont'd)	Reflex injury	Grounding, training, procedures, work planning, PPE, Tier 1, work area conditions	N	1	2	1	1	2								
Working with magnetic fields	Being struck by object pulled into field	Work planning, IH review, Static Magnetic Fields SBMS Subject Area, procedures, training, work area conditions, non-magnetic tools, field maps, field on indicators	N	1	4	2	1	8								
	Medical implant malfunction	Work planning, medical surveillance, IH review, Static Magnetic Fields SBMS Subject Area, procedures, training, work area conditions, field maps, field on indicators	N	1	4	3	1	12								
	Cryogenic work	See PO-JRA-008	N	1	4	2	1	8								
Working with RF devices	Electrical shock	Proper installation, grounding, training, procedures, work planning, PPE, Tier 1	N	1	2	2	1	4								
	Reflex injury	Grounding, training, procedures, work planning, PPE, Tier 1, work area conditions	N	1	2	1	1	2								

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Working with RF devices (cont'd)	X-ray exposure	Work planning, IH and RCD surveys, SBMS Subject Areas, training, shielding, equipment design and condition	N	1	4	1	1	4								
	Thermal injury from microwave exposure	Work planning, IH and RCD surveys, SBMS Subject Areas, training, shielding, equipment design and condition	N	1	4	1	1	4								
	Vacuum system work	See PO-JRA-023	N	1	4	1	1	4								
Further Description of Controls Added to Reduce Risk:																
*Risk:	0 to 20 Negligible	21 to 40 Acceptable	41 to 60 Moderate			61 to 80 Substantial			81 or greater Intolerable							